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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) | Attorney Docket No.                      | 108604/002                                 |
|   | First Inventor or Application Identifier | Eugene S. Pearlman                         |
|   | Title                                    | ALGORITHMIC TESTING IN LABORATORY MEDICINE |
|   | Express Mail Label No.                   | EE154804499US                              |

|   |   |
|---|---|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.   | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |
| 1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br>(Submit an original and a duplicate for fee processing)<br>2. <input checked="" type="checkbox"/> Specification [Total Pages <b>68</b> ]<br>(preferred arrangement set forth below)<br>- Descriptive title of the invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to Microfiche Appendix<br>- Background of the invention<br>- Brief Summary of the invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>18</b> ]<br>4. Oath or Declaration [Total Pages <b>2</b> ]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br>(for continuation/divisional with Box 17 completed)<br>[Note Box 5 below]<br>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).<br>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix)<br>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Copy<br>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above copies |
| <b>ACCOMPANYING APPLICATION PARTS</b><br>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney<br>10. <input type="checkbox"/> English Translation Document (if applicable)<br>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>12. <input type="checkbox"/> Preliminary Amendment<br>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)<br>* Small Entity<br>14. <input checked="" type="checkbox"/> Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)<br>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)<br>16. <input type="checkbox"/> Other: .....  |   |
| 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____<br>Prior application information: Examiner _____ Group / Art Unit: _____   |   |

|   |                               |           |      |          |            |
|---|-------------------------------|-----------|------|----------|------------|
| <b>18. CORRESPONDENCE ADDRESS</b><br><input type="checkbox"/> Customer Number or Bar Code Label <input checked="" type="checkbox"/> Correspondence address below<br>(Insert Customer No. or Attach bar code label here) |                               |           |      |          |            |
| Name  | Stroock & Stroock & Lavan LLP |           |      |          |            |
| Address   | 180 Maiden Lane               |           |      |          |            |
| City  | New York                      | State     | N.Y. | Zip Code | 10038-4982 |
| Country   |                               | Telephone |      | Fax      |            |

|                   |                           |                                   |         |
|-------------------|---------------------------|-----------------------------------|---------|
| Name (Print/Type) | Rashida A. Karmali        | Registration No. (Attorney/Agent) | 43,705  |
| Signature         | <i>Rashida A. Karmali</i> | Date                              | 4/30/99 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

|   |                       |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
|---|-----------------------|--|--|--------------------|-----------------|-------------|-----------------------|----------------------|--------------------|---------------|--|------------------|--|---------------------|------------|
| <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 1999</h3> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision.<br/>Small Entity payments <u>must</u> be supported by a small entity statement,<br/>otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p> |                       | <p><i>Complete If Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">New Application</td> </tr> <tr> <td>Filing Date</td> <td>Concurrently Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Eugene S. Pearlman</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Group / Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>108604/002</td> </tr> </table> |  | Application Number | New Application | Filing Date | Concurrently Herewith | First Named Inventor | Eugene S. Pearlman | Examiner Name |  | Group / Art Unit |  | Attorney Docket No. | 108604/002 |
| Application Number  | New Application       |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| Filing Date   | Concurrently Herewith |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| First Named Inventor  | Eugene S. Pearlman    |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| Examiner Name   |                       |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| Group / Art Unit  |                       |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| Attorney Docket No.   | 108604/002            |  |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |
| TOTAL AMOUNT OF PAYMENT   |                       | (\$) <b>416.00</b>   |  |                    |                 |             |                       |                      |                    |               |  |                  |  |                     |            |

| <h4 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check one)</h4> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <b>19-4709</b></p> <p>Deposit Account Name <b>Stroock &amp; Stroock &amp; Lavan LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed:<br/> <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <h4 style="text-align: center; margin: 0;">FEE CALCULATION</h4> <div style="border: 1px solid black; padding: 5px;"> <h5 style="margin: 0;">1. BASIC FILING FEE</h5> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101 760</td> <td>201 380</td> <td>Utility filing fee</td> <td><b>380</b></td> </tr> <tr> <td>106 310</td> <td>206 155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 480</td> <td>207 240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 760</td> <td>208 380</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150</td> <td>214 75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$)<b>380.00</b></b></td> </tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <h5 style="margin: 0;">2. EXTRA CLAIM FEES</h5> <p>Total Claims <b>24</b> - 20** = <b>4</b> X Fee from below <b>9</b> = <b>36</b></p> <p>Independent Claims <b>2</b> - 3** = <b></b> X <b></b> = <b></b></p> <p>Multiple Dependent <b></b> = <b></b></p> <p><small>**or number previously paid, if greater; For Reissues, see below</small></p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103 18</td> <td>203 9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102 78</td> <td>202 39</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104 260</td> <td>204 130</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109 78</td> <td>209 39</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110 18</td> <td>210 9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$)<b>36.00</b></b></td> </tr> </tbody> </table> </div> | Large Entity Fee Code (\$) | Small Entity Fee Code (\$)   | Fee Description          | Fee Paid | 101 760 | 201 380 | Utility filing fee | <b>380</b> | 106 310 | 206 155 | Design filing fee |  | 107 480 | 207 240 | Plant filing fee |  | 108 760 | 208 380 | Reissue filing fee |  | 114 150 | 214 75 | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |  |  | <b>(\$)<b>380.00</b></b> | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 103 18 | 203 9 | Claims in excess of 20 |  | 102 78 | 202 39 | Independent claims in excess of 3 |  | 104 260 | 204 130 | Multiple dependent claim, if not paid |  | 109 78 | 209 39 | ** Reissue independent claims over original patent |  | 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |  |  | <b>(\$)<b>36.00</b></b> | <h4 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h4> <h5 style="margin: 0;">3. ADDITIONAL FEES</h5> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105 130</td> <td>205 65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50</td> <td>227 25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130</td> <td>139 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520</td> <td>147 2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112 920*</td> <td>112 920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840*</td> <td>113 1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110</td> <td>215 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 380</td> <td>216 190</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 870</td> <td>217 435</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,360</td> <td>218 680</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,850</td> <td>228 925</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119 300</td> <td>219 150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 300</td> <td>220 150</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 260</td> <td>221 130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,510</td> <td>138 1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110</td> <td>240 55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141 1,210</td> <td>241 605</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142 1,210</td> <td>242 605</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143 430</td> <td>243 215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144 580</td> <td>244 290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122 130</td> <td>122 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50</td> <td>123 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 240</td> <td>126 240</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581 40</td> <td>581 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146 760</td> <td>246 380</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149 760</td> <td>249 380</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$)<b>0</b></b></td> </tr> </tbody> </table> <p><small>* Reduced by Basic Filing Fee Paid</small></p> | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 130 | 205 65 | Surcharge - late filing fee or oath |  | 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet |  | 139 130 | 139 130 | Non-English specification |  | 147 2,520 | 147 2,520 | For filing a request for reexamination |  | 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action |  | 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action |  | 115 110 | 215 55 | Extension for reply within first month |  | 116 380 | 216 190 | Extension for reply within second month |  | 117 870 | 217 435 | Extension for reply within third month |  | 118 1,360 | 218 680 | Extension for reply within fourth month |  | 128 1,850 | 228 925 | Extension for reply within fifth month |  | 119 300 | 219 150 | Notice of Appeal |  | 120 300 | 220 150 | Filing a brief in support of an appeal |  | 121 260 | 221 130 | Request for oral hearing |  | 138 1,510 | 138 1,510 | Petition to institute a public use proceeding |  | 140 110 | 240 55 | Petition to revive - unavoidable |  | 141 1,210 | 241 605 | Petition to revive - unintentional |  | 142 1,210 | 242 605 | Utility issue fee (or reissue) |  | 143 430 | 243 215 | Design issue fee |  | 144 580 | 244 290 | Plant issue fee |  | 122 130 | 122 130 | Petitions to the Commissioner |  | 123 50 | 123 50 | Petitions related to provisional applications |  | 126 240 | 126 240 | Submission of Information Disclosure Stmt |  | 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) |  | 146 760 | 246 380 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 149 760 | 249 380 | For each additional invention to be examined (37 CFR 1.129(b)) |  | Other fee (specify) _____ |  |  |  | Other fee (specify) _____ |  |  |  | <b>SUBTOTAL (3)</b> |  |  | <b>(\$)<b>0</b></b> |
|---|----------------------------|--|--------------------------|----------|---------|---------|--------------------|------------|---------|---------|-------------------|--|---------|---------|------------------|--|---------|---------|--------------------|--|---------|--------|------------------------|--|---------------------|--|--|--------------------------|----------------------------|----------------------------|-----------------|----------|--------|-------|------------------------|--|--------|--------|-----------------------------------|--|---------|---------|---------------------------------------|--|--------|--------|--|--|--------|-------|--|--|---------------------|--|--|-------------------------|---|----------------------------|----------------------------|-----------------|----------|---------|--------|-------------------------------------|--|--------|--------|--|--|---------|---------|---------------------------|--|-----------|-----------|--|--|----------|----------|--|--|------------|------------|---|--|---------|--------|--|--|---------|---------|---|--|---------|---------|--|--|-----------|---------|---|--|-----------|---------|--|--|---------|---------|------------------|--|---------|---------|--|--|---------|---------|--------------------------|--|-----------|-----------|---|--|---------|--------|----------------------------------|--|-----------|---------|------------------------------------|--|-----------|---------|--------------------------------|--|---------|---------|------------------|--|---------|---------|-----------------|--|---------|---------|-------------------------------|--|--------|--------|---|--|---------|---------|---|--|--------|--------|--|--|---------|---------|---|--|---------|---------|--|--|---------------------------|--|--|--|---------------------------|--|--|--|---------------------|--|--|---------------------|
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| 101 760   | 201 380                    | Utility filing fee   | <b>380</b>               |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 106 310   | 206 155                    | Design filing fee  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 107 480   | 207 240                    | Plant filing fee   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 108 760   | 208 380                    | Reissue filing fee   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 114 150   | 214 75                     | Provisional filing fee   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| <b>SUBTOTAL (1)</b>   |                            |  | <b>(\$)<b>380.00</b></b> |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                 |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 103 18  | 203 9                      | Claims in excess of 20   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 102 78  | 202 39                     | Independent claims in excess of 3  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 104 260   | 204 130                    | Multiple dependent claim, if not paid                                      |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 109 78  | 209 39                     | ** Reissue independent claims over original patent                         |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 110 18  | 210 9                      | ** Reissue claims in excess of 20 and over original patent                 |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| <b>SUBTOTAL (2)</b>   |                            |  | <b>(\$)<b>36.00</b></b>  |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                 |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 105 130   | 205 65                     | Surcharge - late filing fee or oath  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 127 50  | 227 25                     | Surcharge - late provisional filing fee or cover sheet                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 139 130   | 139 130                    | Non-English specification  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 147 2,520   | 147 2,520                  | For filing a request for reexamination                                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 112 920*  | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 113 1,840*  | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 115 110   | 215 55                     | Extension for reply within first month                                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 116 380   | 216 190                    | Extension for reply within second month                                    |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 117 870   | 217 435                    | Extension for reply within third month                                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 118 1,360   | 218 680                    | Extension for reply within fourth month                                    |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 128 1,850   | 228 925                    | Extension for reply within fifth month                                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 119 300   | 219 150                    | Notice of Appeal   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 120 300   | 220 150                    | Filing a brief in support of an appeal                                     |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 121 260   | 221 130                    | Request for oral hearing   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 138 1,510   | 138 1,510                  | Petition to institute a public use proceeding                              |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 140 110   | 240 55                     | Petition to revive - unavoidable   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 141 1,210   | 241 605                    | Petition to revive - unintentional   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 142 1,210   | 242 605                    | Utility issue fee (or reissue)   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 143 430   | 243 215                    | Design issue fee   |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 144 580   | 244 290                    | Plant issue fee  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 122 130   | 122 130                    | Petitions to the Commissioner  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 123 50  | 123 50                     | Petitions related to provisional applications                              |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 126 240   | 126 240                    | Submission of Information Disclosure Stmt                                  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 581 40  | 581 40                     | Recording each patent assignment per property (times number of properties) |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 146 760   | 246 380                    | Filing a submission after final rejection (37 CFR 1.129(a))                |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| 149 760   | 249 380                    | For each additional invention to be examined (37 CFR 1.129(b))             |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| Other fee (specify) _____   |                            |  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| Other fee (specify) _____   |                            |  |                          |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |
| <b>SUBTOTAL (3)</b>   |                            |  | <b>(\$)<b>0</b></b>      |          |         |         |                    |            |         |         |                   |  |         |         |                  |  |         |         |                    |  |         |        |                        |  |                     |  |  |                          |                            |                            |                 |          |        |       |                        |  |        |        |                                   |  |         |         |                                       |  |        |        |  |  |        |       |  |  |                     |  |  |                         |   |                            |                            |                 |          |         |        |                                     |  |        |        |  |  |         |         |                           |  |           |           |  |  |          |          |  |  |            |            |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |   |  |         |         |   |  |        |        |  |  |         |         |   |  |         |         |  |  |                           |  |  |  |                           |  |  |  |                     |  |  |                     |

|                       |  |                    |  |                          |         |
|-----------------------|--|--------------------|--|--------------------------|---------|
| SUBMITTED BY          |  |                    |  | Complete (if applicable) |         |
| Typed or Printed Name |  | Rashida A. Karmali |  | Reg. Number              | 43,705  |
| Signature             |  | Rashida A. Karmali |  | Date                     | 4/30/99 |
|                       |  |                    |  | Deposit Account User ID  |         |

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